

**Method and Apparatus for Equipping Personal Digital
Product with Functions of Recording and Displaying of the
Digital Video/Audio Multi-media**

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ABSTRACT

The invention provides a method for equipping personal digital product with functions of recording and displaying the digital video/audio multi-media, comprising: providing a modulated interlacing video signal and an analog audio signal for de-
10 modulation and de-interlacing of the interlacing video signal; at the same time processing digital transformation of the analog audio signal for digitalizing the analog audio signal to obtain a digital audio signal; then compressing the de-interlaced video signal and the digital audio signal to obtain a compressed de-interlaced video
15 signal and a compressed digital audio signal; putting the compressed de-interlaced video signal and the compressed digital audio signal under synchronous process to obtain a synchronized compressed video signal and compressed audio signal; finally, outputting the synchronized compressed video signal and
20 compressed audio signal to a processing unit of digital apparatus for selecting from recording or displaying the digital video/audio multi-media of synchronized compressed video signal and compressed audio signal.